



GenOn Mid-Atlantic, LLC
Dickerson Generating Station
21200 Martinsburg Road
Dickerson, Maryland 20842

Certified Mail/Return Receipt Requested
7016 3560 0000 7263 4378

Mr. Ed Dexter
Maryland Department of the Environment
Land Management Administration
1800 Washington Boulevard, Suite 605
Baltimore MD 21230-1719

RECEIVED

MAR 05 2018

**LAND MANAGEMENT ADMIN.
SOLID WASTE PROGRAM**

February 26, 2018

Re: 2017 CCB Tonnage Report for GenOn Mid-Atlantic, LLC's Dickerson Generating Station.

Dear Mr. Dexter,

Pursuant to COMAR 26.04.10.08, enclosed please find the 2017 CCB Tonnage Report for GenOn Mid-Atlantic, LLC's Dickerson Generating Station.

If you have any questions regarding this report, please contact me at 301-601-6515, or at Bruce.Heimlicher@genon.com.

Regards,

Peter Heimlicher
Environmental Specialist
GenOn Mid-Atlantic, LLC

Attachments:
2017 CCB Report
2017 CCB Analysis

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Land Management Administration • Solid Waste Program
1800 Washington Boulevard • Suite 605 • Baltimore Maryland 21230-1719
410-537-3315 • 800-633-6101 x3315 • www.mde.maryland.gov

Coal Combustion Byproducts (CCBs) Annual Generator Tonnage Report Instructions for Calendar Year 2017

The following is general information relating to the requirement for reporting quantities of coal combustion byproducts (CCBs) that were managed in the State of Maryland during calendar year 2017. Please answer the questions on the form provided, attaching additional information and any requested supplemental information to the back of the form. *Note that the form requires both volume and weight of the CCBs produced. If you know one of these parameters but not the others, for example, you have the tonnage produced but not the volume, you may calculate the other parameter; however, please provide the calculations and assumptions that you used in your estimate.* Questions can be directed to the Solid Waste Program at (410) 537-3315 or via email at ed.dexter@maryland.gov.

I. Background. This requirement that generators of CCBs submit an annual report was instituted in the Code of Maryland Regulations COMAR 26.04.10.08, that was promulgated effective December 1, 2008. The regulation requires that any non-residential generator of CCBs submit a report to the Department by March 1 of each year describing the manner in which CCBs generated within the State were managed during the preceding calendar year. Additional information and specific instructions follow. For more detailed information, please refer to COMAR 26.04.10.08.

II. General Information and Applicability.

A. Definitions. CCBs are defined in COMAR 26.04.10.02B as:

*“(3) Coal Combustion Byproducts. (a) "Coal combustion byproducts" means the residue generated by or resulting from the burning of coal.
(b) "Coal combustion byproducts" includes fly ash, bottom ash, boiler slag, pozzolan, and other solid residuals removed by air pollution control devices from the flue gas and combustion chambers of coal burning furnaces and boilers, including flue gas desulfurization sludge and other solid residuals recovered from flue gas by wet or dry methods.”*

A generator of CCBs is defined in COMAR 26.04.10.02B as:

*“(9) Generator.
(a) "Generator" means a person whose operations, activities, processes, or actions create coal combustion byproducts.
(b) "Generator" does not include a person who only generates coal combustion byproducts by burning coal at a private residence.”*

B. Applicability. If you or your company meets the definition of a generator of CCBs as defined above, you must provide the information as required below. For the purposes of this report, “you” shall hereinafter refer to the generator defined above. Please note that COMAR 26.04.10.08 requires generators of CCBs to submit an annual report to the Department concerning the disposition of the CCBs that they generated the previous year. **THIS INCLUDES CCBS THAT WERE NOT SEPARATELY COLLECTED BUT WERE PRODUCED BY THE BURNING OF COAL AND WERE DIRECTLY CONTRIBUTED TO A PRODUCT, such as cement.** Where the amount cannot be directly measured, estimates based on the amount of coal burned can be used. The method of determining the volume of CCBs produced must be described.

III. Required Information. The following information must be provided to the Department by March 1, 2018:

A. Contact information:

Facility Name: Dickerson Generating Station

Name of Permit Holder: GenOn MidAtlantic, LLC

Facility Address: 21200 Martinsburg Road
Street

Facility Address: Dickerson Maryland 20842
City State Zip

County: Montgomery

Contact Information (Person filing report or Environmental Manager)

Facility Telephone No.: 301-601-6500 Facility Fax No.: 301-601-6556

Contact Name: Peter Heimlicher

Contact Title: Environmental Specialist

Contact Address: 21200 Martinsburg Road
Street

Contact Address: Dickerson Maryland 20842
City State Zip

Contact Email: Bruce.Heimlicher@genon.com

Contact Telephone No.: 301-601-6515 Contact Fax No.: _____

For questions on how to complete this form, please contact the Solid Waste Program at 410-537-3315

B. A description of the process that generates the CCBs, including the type of coal or other raw material that generates the CCBs. If the space provided is insufficient, please attach additional pages:

See Attachment A.

C. The volume and weight of CCBs generated during calendar year 2017, including an identification of the different types of CCBs generated and the volume of each type generated. If the space provided is insufficient, please attach additional pages in a similar format. If converting from volume to weight or weight to volume, please provide your calculations and assumptions.

Table I: Volume and Weight of CCBs Generated for Calendar Year 2017: Please note the change to this table from previous years, to include both the volume and weight of the types of CCBs your facility produces.

Volume and Weight of CCBs Generated for Calendar Year 2017			
Fly Ash Type of CCB	Bottom Ash Type of CCB	On Spec Gypsum Type of CCB	WWTP Type of CCB
5,897	980	6,001	152
Volume of CCB, in Cubic Yards	Volume of CCB, in Cubic Yards	Volume of CCB, in Cubic Yards	Volume of CCB, in Cubic Yards
5,897	980	11,722	296
Weight of CCB, in Tons	Weight of CCB, in Tons	Weight of CCB, in Tons	Weight of CCB, in Tons

Additional notes:

CCB Tonnages are reported in dry short tons. CCB volumes are reported in dry Cubic Yards.

WWTP Tons represent fines from the Flue Gas Desulfurization's Waste Water Treatment

Volumes of Flyash in Dry Cubic Yards are calculated from dry short tons using a density of 1.0 Tons/Dry CY.

Volumes of Bottom Ash in Dry Cubic Yards are calculated from dry short tons using a density of 1.0 Tons/Dry CY.

Volumes of On-Spec Gypsum and WWTP Fines are calculated from dry short tons using a density of 1.95 Tons/Dry CY.

D. Descriptions of any modeling or risk assessments, or both, conducted relating to the CCBs or their use that were performed by you or your company during the reporting year. Please attach this information to the report.

E. Copies of all laboratory reports of all chemical characterizations of the CCBs. Please attach this information to the report.

F. A description of how you disposed of or used your CCBs in calendar year 2017, identifying:

(a) The types and volume of CCBs disposed of or used (if different than described in Paragraph C above) including any CCBs stored during the previous calendar year, the location of disposal, mine reclamation and use sites, and the type and volume of CCBs disposed of or used at each site:

All of the 5,897 tons of dry **flyash** generated at Dickerson in 2017 were disposed of at the Westland Ash Site, located in Montgomery Co., Md.

All of the 980 tons of **bottom ash** generated at Dickerson in 2017 were sent to the Westland Ash Site, located in Montgomery Co., Md for disposal.

On-Spec Gypsum generated at Dickerson in 2017 was 11,722 tons. Of this total, 351 tons were stored on-site at the end of 2016, and 1,544 tons were stored on-site at the end of 2017, and 10,529 tons were transported by barge to Continental , located in Buchanan, NY.

WWTP Fines produced in 2017 was 296 tons, all of which was disposed of at Waste Management's Amelia Landfill, located in Jetersville, Va.

and (b) The different uses by type and volume of CCBs:

On-Spec Gypsum: _____
 Volume: 10,529 tons sold _____
 Use: Wallboard _____

If the space provided is insufficient, please attach additional pages in a similar format.

G. A description of how you intend to dispose of or use CCBs in the next 5 years, identifying:

(a) The types and volume of CCBs intended to be disposed of or used, the location of intended disposal, mine reclamation and use sites, and the type and volume of CCBs intended to be disposed of or used at each site:

FlyAsh: Approximately 6,000 tons/year to be generated and sent for disposal at the Westland Ash Site, located in Montgomery Co., Md.

Bottom Ash: Anticipate 1,000 tons/year to be generated and sent to the Westland Ash Site, located in Montgomery Co., Md, for disposal.

On-Spec Gypsum: Anticipate 12,000 tons/year to be generated, with approximately 1,500 tons stored on site at the Dickerson Generating Station and approximately 10,500 tons/year being transported by barge to LaFarge, located in Buchanan, NY.

WWTP Fines: Approximately 300 tons/year to be generated and disposed of at Waste Management's Amelia Landfill located in Jetersville, Va.

and (b) The different intended uses by type and volume of CCBs.

Volume: 10,500 tons/year to be sold. _____
 Use: Wallboard _____

If the space provided is insufficient, please attach additional pages in a similar format.

IV. Signature and Certification. An authorized official of the generator must sign the annual report, and certify as to the accuracy and completeness of the information contained in the annual report:

This is to certify that, to the best of my knowledge, the information contained in this report and any attached documents are true, accurate, and complete.

	<p align="center"><u>Mike Bennett, Plant Manager, Dickerson Generating Station</u> 301-601-6522</p>	
<p align="center">Signature</p> 	<p align="center">Name, Title, & Telephone No. (Print or Type)</p> <p align="center">David.bennett@genon.com</p> <p align="center">Your Email Address</p>	<p align="center">Date</p> <p align="center">2/23/18</p>

V: Attachments (please list):

A) Dickerson Generating Station Process Description _____

B) Microbac Report # 17H0989: Analyses for Dickerson Ash, Gypsum and WWTP Fines _____

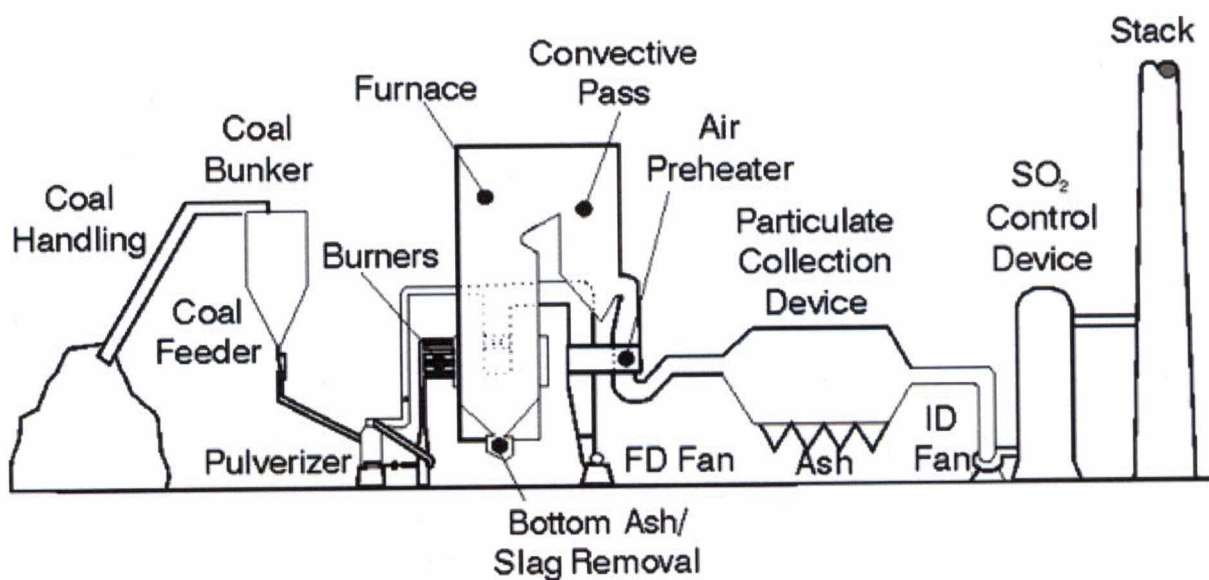
Attachment A

Dickerson Generating Station
21200 Martinsburg Road,
Dickerson, Montgomery County, MD. 20842
301-601-6500

The Dickerson Generating Station is located on the Potomac River, south of the Monocacy River in upper Montgomery County, near Dickerson, MD. The facility is engaged in the generation of electric energy for sale. The primary SIC code for this facility is 4911. The facility consists of three steam units, each rated at 173 MWs (base loaded), firing bituminous coal. Each unit is tangentially fired, with a superheater, reheat and economizer. Electrostatic precipitators (ESPs) and a baghouse are installed for particulate control. Low NO_x burners, Separated Over-Fired Air (SOFA), Selective Non Catalytic Reduction (SNCR) along with an advanced combustion control system are installed on each unit to reduce and control emissions of oxides of nitrogen (NO_x). A Wet Scrubber (FGD) was installed and went in service on the three units in late 2009. The units exhaust through the scrubber stack or, when the FGD is not in service, through a common 700 ft. stack.

Coal is delivered to the Dickerson facility by rail. The rail cars are emptied using a rotary dumper, then transferred by conveyor to either a storage pile or fed directly to a unit's bunker.

The illustration below shows a simple schematic diagram for a typical pulverized coal combustion system. The coal is prepared by grinding to a very fine consistency for combustion.



Attachment A

The CCBs currently produced and used are a result of the combustion of pulverized coal.

Ash is formed in the boiler while coal combusts. In general, pulverized coal combustion results in approximately 10 % ash, of which 65%–85% is fly ash, and the remainder is coarser bottom ash. Bottom ash is a coarse material and falls to the bottom of the boiler. Fly ash is finer than bottom ash and is carried along the combustion process with flue gas. Particulate collection devices remove fly ash from the flue gas and the collected ash is transferred to two ash silos. Fly ash that is not marketed is sent to the Westland Ash Site, whose property is separated from the Dickerson facility by a public road, and is also located in Montgomery County. The bottom ash is conveyed out of the bottom of the boiler via a wet sluice system to hydrobins, where the water is then decanted and the bottom ash sent to the Westland Ash Site, where it is often used in the construction of flyash disposal cells.

Gypsum is a byproduct of SO₂ removal by the Flue Gas Desulfurization (FGD) system, commonly known as a scrubber. Dickerson uses wet scrubbers for SO₂ removal. Wet scrubbing utilizes a chemical reaction with limestone alkaline sorbent to remove SO₂ from the air stream. The byproduct - gypsum - is sent by rail to the Morgantown Generating Station where it is then conveyed to a barge and transported to Continental located in Buchanan, New York where it is made into wallboard. Gypsum that doesn't meet the specifications for wallboard production is transported for disposal to Waste Management's Amelia Landfill in Virginia. Waste Water Treatment Plant Fines (WWTP Fines) are removed from the Scrubber's WWTP as needed and transported to Waste Management's Amelia Landfill in Virginia for disposal.



Microbac Laboratories, Inc.

Baltimore Division
2101 Van Deman Street • Baltimore, MD 21224

Phone: 410-633-1800
Fax: 410-633-6553
www.microbac.com

COVER LETTER

Andrew McCulloch
NRG Energy - Dickerson
21200 Martinsburg Rd.
Dickerson, MD 20842
RE: Dickerson Gen. Sta.

September 11, 2017
Report No.: 17H0989

The report of analyses contains test results for samples received at Microbac Laboratories, Inc., Baltimore Division on 08/10/2017 13:20.

The enclosed results were obtained from and applicable to the sample(s) as received at the laboratory. All sample results are reported on an "as received" basis unless otherwise noted.

All data included in this report has been reviewed and meet the applicable project and certification specific requirements, unless otherwise noted.

This report has been paginated in its entirety and shall not be reproduced except in full, without the written approval of Microbac Laboratories, Inc.

We appreciate the opportunity to service your analytical needs. If you have any questions, please feel free to contact us.

This Data Package contains the following:

- This Cover Page
- Sample Summary
- Test Results
- Certifications/Notes and Definitions
- Cooler Receipt Log
- Chain of Custody

9/11/2017

Final report reviewed by:

Melanie C. Duszynski/Project Manager

Report issue date

All samples received in proper condition and results conform to ISO 17025 and TNI NELAC standards unless otherwise noted.

If we have not met or exceeded your expectations, please contact Melanie C. Duszynski/Project Manager at 410-633-1800. You may also contact Trevor Boyce, President at trevor.boyce@microbac.com. Any complaint about the quality of reported results may be referred to the accrediting authority if such complaints cannot be resolved directly with the customer.



Microbac Laboratories, Inc.
Baltimore Division

2101 Van Deman Street • Baltimore, MD 21224

Phone: 410-633-1800
Fax: 410-633-6553
www.microbac.com

CERTIFICATE OF ANALYSIS

NRG Energy - Dickerson
21200 Martinsburg Rd.
Dickerson, MD 20842

Project: Dickerson Gen. Sta.
Project Number: CCB Testing
Project Manager: Andrew McCulloch

Report: 17H0989
Reported: 09/11/2017 11:01

SAMPLE SUMMARY

Sample ID	Laboratory ID	Matrix	Type	Date Sampled	Date Received
Flyash	17H0989-01	Solid	Grab	07/31/2017 13:00	08/10/2017 13:20
Bottom Ash	17H0989-02	Solid	Grab	07/28/2017 10:30	08/10/2017 13:20
Gypsum	17H0989-03	Solid	Grab	07/26/2017 14:00	08/10/2017 13:20
FGD WTP Fines	17H0989-04	Solid	Grab	07/27/2017 21:00	08/10/2017 13:20

Microbac Laboratories, Inc. - Baltimore

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Melanie C. Duszynski, Project Manager

Original Report

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Microbac Laboratories, Inc.
Baltimore Division

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CERTIFICATE OF ANALYSIS

NRG Energy - Dickerson
21200 Martinsburg Rd.
Dickerson, MD 20842

Project: Dickerson Gen. Sta.
Project Number: CCB Testing
Project Manager: Andrew McCulloch

Report: 17H0989
Reported: 09/11/2017 11:01

Flyash

17H0989-01 (Solid) Sampled: 07/31/2017 13:00; Type: Grab

Analyte	Result	Reporting		Limits	Prepared	Analyzed	Analyst	Method	Notes
		Limit	Units						

Microbac Laboratories, Inc. - Chicagoland

Metals

Aluminum	9600	9.0	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Antimony	1.2	0.90	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Arsenic	80	0.45	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Barium	38	0.18	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Beryllium	3.3	0.045	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Cadmium	1.1	0.18	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Calcium	4100	23	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Chromium	22	0.18	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Cobalt	13	0.18	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Copper	24	0.45	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Iron	54000	23	mg/Kg	081617 0713	081817 1222	BTM	SW-846 6010C
Lead	18	0.34	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Lithium	30	4.5	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Magnesium	360	23	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Mercury	ND	0.0010	mg/L	081817 0956	081817 1250	BTM	1311/7470A
Mercury	4.4	2.0	mg/Kg	082117 1315	082117 1513	BTM	SW-846 7471B
Molybdenum	7.5	0.90	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Nickel	32	0.45	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Potassium	1200	23	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Selenium	27	1.4	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Silver	ND	0.45	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Sodium	340	23	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Sulfur	2500	4.5	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Tin	2.1	0.90	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Vanadium	57	0.36	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C
Zinc	31	0.90	mg/Kg	081617 0713	081717 1835	BTM	SW-846 6010C

Microbac Laboratories, Inc. - Baltimore

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Melanie C. Duszynski

Melanie C. Duszynski, Project Manager

Original Report

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Baltimore Division

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CERTIFICATE OF ANALYSIS

NRG Energy - Dickerson
21200 Martinsburg Rd.
Dickerson, MD 20842

Project: Dickerson Gen. Sta.
Project Number: CCB Testing
Project Manager: Andrew McCulloch

Report: 17H0989
Reported: 09/11/2017 11:01

Flyash

17H0989-01 (Solid) Sampled: 07/31/2017 13:00; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes
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Microbac Laboratories, Inc. - Chicagoland

TCLP Metals

Arsenic	0.0280	0.0100	mg/L	5.00	082117 1110	082117 1554	BTM	1311/6010C	
Barium	ND	0.500	mg/L	100	081817 1029	081817 1720	BTM	1311/6010C	
Cadmium	0.00570	0.00200	mg/L	1.00	081817 1029	081817 1720	BTM	1311/6010C	
Chromium	0.0368	0.00500	mg/L	5.00	082117 1110	082117 1554	BTM	1311/6010C	
Lead	ND	0.00750	mg/L	5.00	082117 1110	082117 1554	BTM	1311/6010C	
Selenium	0.0334	0.0300	mg/L	1.00	081817 1029	081817 1720	BTM	1311/6010C	
Silver	ND	0.0100	mg/L	5.00	081817 1029	081817 1720	BTM	1311/6010C	

Wet Chemistry

Percent Solids	99	0.10	wt%		081717 1001	081717 1003	agrie	SM 2540 G-1997	
Sulfur (from SO4)	2700	340	mg/Kg		081617 0953	081617 0953	KJH	ASTM D129 MOD	

Microbac Laboratories, Inc. - Baltimore

Melanie C. Duszyński

Melanie C. Duszyński, Project Manager

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Original Report

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CERTIFICATE OF ANALYSIS

NRG Energy - Dickerson
21200 Martinsburg Rd.
Dickerson, MD 20842

Project: Dickerson Gen. Sta.
Project Number: CCB Testing
Project Manager: Andrew McCulloch

Report: 17H0989
Reported: 09/11/2017 11:01

Bottom Ash

17H0989-02 (Solid) Sampled: 07/28/2017 10:30; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes
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Microbac Laboratories, Inc. - Chicagoland

Metals

Aluminum	1200	8.7	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Antimony	ND	0.87	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Arsenic	4.7	0.43	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Barium	8.4	0.17	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Beryllium	0.43	0.043	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Cadmium	0.25	0.17	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Calcium	480	22	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Chromium	5.8	0.17	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Cobalt	2.2	0.17	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Copper	5.3	0.43	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Iron	10000	2.2	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Lead	2.7	0.33	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Lithium	7.1	4.3	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Magnesium	83	22	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Mercury	ND	0.039	mg/Kg		082117 1315	082117 1436	BTM	SW-846 7471B	
Mercury	ND	0.0010	mg/L		081817 0956	081817 1254	BTM	1311/7470A	
Molybdenum	ND	0.87	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Nickel	7.6	0.43	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Potassium	200	22	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Selenium	ND	1.3	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Silver	ND	0.43	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Sodium	120	22	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Sulfur	420	4.3	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Tin	ND	0.87	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Vanadium	6.1	0.35	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	
Zinc	13	0.87	mg/Kg		081617 0713	081717 1840	BTM	SW-846 6010C	

Microbac Laboratories, Inc. - Baltimore

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Melanie C. Duszynski, Project Manager

Original Report

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CERTIFICATE OF ANALYSIS

 NRG Energy - Dickerson
 21200 Martinsburg Rd.
 Dickerson, MD 20842

 Project: Dickerson Gen. Sta.
 Project Number: CCB Testing
 Project Manager: Andrew McCulloch

 Report: 17H0989
 Reported: 09/11/2017 11:01

Bottom Ash
17H0989-02 (Solid) Sampled: 07/28/2017 10:30; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes
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Microbac Laboratories, Inc. - Chicagoland
TCLP Metals

Arsenic	ND	0.0100	mg/L	5.00	082117 1110	082117 1559	BTM	1311/6010C	
Barium	ND	0.500	mg/L	100	081817 1029	081817 1725	BTM	1311/6010C	
Cadmium	ND	0.00200	mg/L	1.00	081817 1029	081817 1725	BTM	1311/6010C	
Chromium	ND	0.00500	mg/L	5.00	082117 1110	082117 1559	BTM	1311/6010C	
Lead	ND	0.00750	mg/L	5.00	082117 1110	082117 1559	BTM	1311/6010C	
Selenium	ND	0.0300	mg/L	1.00	081817 1029	081817 1725	BTM	1311/6010C	
Silver	ND	0.0100	mg/L	5.00	081817 1029	081817 1725	BTM	1311/6010C	

Wet Chemistry

Percent Solids	20	0.10	wt%		081717 1001	081717 1003	agrie	SM 2540 G-1997	
Sulfur (from SO4)	350	330	mg/Kg		081617 0953	081617 0953	KJH	ASTM D129 MOD	

Microbac Laboratories, Inc. - Baltimore



Melanie C. Duszynski, Project Manager

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Baltimore Division

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Phone: 410-633-1800
Fax: 410-633-6553
www.microbac.com

CERTIFICATE OF ANALYSIS

NRG Energy - Dickerson
21200 Martinsburg Rd.
Dickerson, MD 20842

Project: Dickerson Gen. Sta.
Project Number: CCB Testing
Project Manager: Andrew McCulloch

Report: 17H0989
Reported: 09/11/2017 11:01

Gypsum

17H0989-03 (Solid) Sampled: 07/26/2017 14:00; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes
---------	--------	-----------------	-------	--------	----------	----------	---------	--------	-------

Microbac Laboratories, Inc. - Chicagoland

Metals

Aluminum	310	7.3	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Antimony	ND	0.73	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Arsenic	0.95	0.36	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Barium	30	0.15	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Beryllium	ND	0.036	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Cadmium	ND	0.15	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Calcium	65000	1800	mg/Kg		081617 0713	081817 1227	BTM	SW-846 6010C	
Chromium	1.0	0.15	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Cobalt	ND	0.15	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Copper	1.8	0.36	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Iron	500	1.8	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Lead	ND	0.27	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Lithium	ND	3.6	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Magnesium	380	18	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Mercury	0.30	0.038	mg/Kg		082117 1315	082117 1438	BTM	SW-846 7471B	
Mercury	ND	0.0010	mg/L		081817 0956	081817 1255	BTM	1311/7470A	
Molybdenum	ND	0.73	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Nickel	0.59	0.36	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Potassium	140	18	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Selenium	3.1	1.1	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Silver	ND	0.36	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Sodium	ND	18	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Sulfur	47000	360	mg/Kg		081617 0713	081817 1227	BTM	SW-846 6010C	
Tin	ND	0.73	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Vanadium	0.82	0.29	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	
Zinc	1.7	0.73	mg/Kg		081617 0713	081717 1845	BTM	SW-846 6010C	

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Melanie C Duszynski

Melanie C. Duszynski, Project Manager

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Project Number: CCB Testing
Project Manager: Andrew McCulloch

Report: 17H0989
Reported: 09/11/2017 11:01

Gypsum

17H0989-03 (Solid) Sampled: 07/26/2017 14:00; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes
---------	--------	-----------------	-------	--------	----------	----------	---------	--------	-------

Microbac Laboratories, Inc. - Chicagoland

TCLP Metals

Arsenic	ND	0.0100	mg/L	5.00	082117 1110	082117 1614	BTM	1311/6010C	
Barium	ND	0.500	mg/L	100	081817 1029	081817 1731	BTM	1311/6010C	
Cadmium	ND	0.00200	mg/L	1.00	081817 1029	081817 1731	BTM	1311/6010C	
Chromium	ND	0.00500	mg/L	5.00	082117 1110	082117 1614	BTM	1311/6010C	
Lead	ND	0.00750	mg/L	5.00	082117 1110	082117 1614	BTM	1311/6010C	
Selenium	0.0364	0.0300	mg/L	1.00	081817 1029	081817 1731	BTM	1311/6010C	
Silver	ND	0.0100	mg/L	5.00	081817 1029	081817 1731	BTM	1311/6010C	

Wet Chemistry

Percent Solids	68	0.10	wt%		081717 1001	081717 1003	agrie	SM 2540 G-1997	
Sulfur (from SO4)	4800	330	mg/Kg		081617 0953	081617 0953	KJH	ASTM D129 MOD	

Microbac Laboratories, Inc. - Baltimore

Melanie C. Duszyński

Melanie C. Duszyński, Project Manager

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Dickerson, MD 20842

Project: Dickerson Gen. Sta.
Project Number: CCB Testing
Project Manager: Andrew McCulloch

Report: 17H0989
Reported: 09/11/2017 11:01

FGD WTP Fines

17H0989-04 (Solid) Sampled: 07/27/2017 21:00; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes
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Microbac Laboratories, Inc. - Chicagoland

Metals

Aluminum	2000	7.8	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Antimony	ND	0.78	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Arsenic	9.5	0.39	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Barium	74	0.16	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Beryllium	0.15	0.039	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Cadmium	0.29	0.16	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Calcium	72000	2000	mg/Kg		081617 0713	081817 1232	BTM	SW-846 6010C	
Chromium	9.5	0.16	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Cobalt	1.8	0.16	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Copper	8.4	0.39	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Iron	3900	2.0	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Lead	2.2	0.29	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Lithium	ND	3.9	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Magnesium	910	20	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Mercury	3.3	1.7	mg/Kg		082117 1315	082117 1514	BTM	SW-846 7471B	
Mercury	ND	0.0010	mg/L		081817 0956	081817 1256	BTM	1311/7470A	
Molybdenum	1.1	0.78	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Nickel	13	0.39	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Potassium	770	20	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Selenium	23	1.2	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Silver	ND	0.39	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Sodium	47	20	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Sulfur	56000	390	mg/Kg		081617 0713	081817 1232	BTM	SW-846 6010C	
Tin	ND	0.78	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Vanadium	6.1	0.31	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	
Zinc	22	0.78	mg/Kg		081617 0713	081717 1850	BTM	SW-846 6010C	

Microbac Laboratories, Inc. - Baltimore

Melanie C. Duszyński

Melanie C. Duszyński, Project Manager

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FGD WTP Fines

17H0989-04 (Solid) Sampled: 07/27/2017 21:00; Type: Grab

Analyte	Result	Reporting Limit	Units	Limits	Prepared	Analyzed	Analyst	Method	Notes
---------	--------	-----------------	-------	--------	----------	----------	---------	--------	-------

Microbac Laboratories, Inc. - Chicagoland

TCLP Metals

Arsenic	ND	0.0100	mg/L	5.00	082117 1110	082117 1619	BTM	1311/6010C	
Barium	ND	0.500	mg/L	100	081817 1029	081817 1736	BTM	1311/6010C	
Cadmium	ND	0.00200	mg/L	1.00	081817 1029	081817 1736	BTM	1311/6010C	
Chromium	0.00500	0.00500	mg/L	5.00	082117 1110	082117 1619	BTM	1311/6010C	
Lead	ND	0.00750	mg/L	5.00	082117 1110	082117 1619	BTM	1311/6010C	
Selenium	0.0321	0.0300	mg/L	1.00	081817 1029	081817 1736	BTM	1311/6010C	
Silver	ND	0.0100	mg/L	5.00	081817 1029	081817 1736	BTM	1311/6010C	

Wet Chemistry

Percent Solids	54	0.10	wt%		081717 1001	081717 1003	agrie	SM 2540 G-1997	
Sulfur (from SO4)	40000	6600	mg/Kg		081617 0953	081717 1718	AGRIE	ASTM D129 MOD	

Microbac Laboratories, Inc. - Baltimore

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Melanie C. Duszynski

Melanie C. Duszynski, Project Manager

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Project: Dickerson Gen. Sta.
Project Number: CCB Testing
Project Manager: Andrew McCulloch

Report: 17H0989
Reported: 09/11/2017 11:01

Project Requested Certification(s):

Florida - NELAC

Analyte Certification Exception Summary

No certification exceptions

All analysis performed were analyzed under the required certification unless otherwise noted in the above summary.

Microbac Laboratories, Inc. - Baltimore

Melanie C. Duszynski, Project Manager

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Certification List

Below is a list of certifications maintained by Microbac Laboratories, Inc. All data included in this report has been reviewed for and meets all project specific and quality control requirements of the applicable accreditation, unless otherwise noted. A complete list of individual analytes pursuant to each certification below is available upon request.

Code	Description	Certification Number	Expires
Microbac Laboratories, Inc. - Baltimore			
A2LA1	A2LA (Biology)	410.02	04/30/2019
A2LA2	A2LA (Environmental)	410.01	04/30/2019
VA-B	Commonwealth of Virginia (NELAC) - Baltimore	460285	03/14/2018
CPSC	CPSC Testing of Childrens Products and Jewelry	410.01	04/30/2019
Pb	Environmental Lead (ELLAP)	410.01	04/30/2019
FL	Florida - NELAC	E871126	06/30/2018
MD	State of Maryland (Drinking Water)	109	06/30/2018
WV	West Virginia	054	08/31/2018
Microbac Laboratories, Inc. - Chicagoland			
A2LA-B	A2LA (Biology)	3045.01	09/30/2018
A2LA-C	A2LA (Chemistry)	3045.02	09/30/2018
A2LA_	A2LA ISO/IEC 17025 Biological Testing (a)	3045.01	09/30/2018
A2LA	A2LA ISO/IEC 17025 Env. DoD Testing (b)	3045.02	09/30/2018
CDC-ELITE	Center of Disease Control Legionella ELITE Membership (c)		12/01/2017
ILDPH	Illinois DOPH Micro analysis of drinking water (e)	1755266	12/31/2019
ILEPA	Illinois EPA drinking water, wastewater and solid waste analy	200064	05/31/2018
INSDH	Indiana SDH chemical analysis of drinking water (g)	C-45-03	12/31/2019
INDH	Indiana SDH Micro analysis of drinking water (f)	M-45-8	12/31/2019
ISBOAH	Indiana State Board of Animal Health for microbiological anal	18137	03/31/2019
KSDOH	Kansas Dept Health & Env. NELAP (i)	E-10397	01/31/2018
KYEPP	Kentucky EPPC analysis Underground Storage Tanks (k)	75	01/31/2018
KYDEP	Kentucky Wastewater Laboratory Certification Program (j)	90147	12/31/2017
NYDOH	New York State Department of Health Wadsworth (m)	12006	04/01/2018
NCDEN	North Carolina DENR NPDES effluent, surface water (l)	597	12/31/2017
PADEP	Pennsylvania Department of Environmental Protect (n)	68-04863	07/31/2018
USDAS	USDA Permit To Receive Soil (-)	P330-13-00270	10/17/2019
CGL-VA	VA NELAP	460280	06/14/2018
VELAP	Virginia Department of General Services Division of Consolid	7990	06/15/2018

Microbac Laboratories, Inc. - Baltimore

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Melanie C. Duszynski, Project Manager

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Microbac Laboratories, Inc. - Richmond

VA-R Commonwealth of Virginia (NELAC) - Richmond

460022

06/14/2018

Microbac Laboratories, Inc. - Baltimore

Melanie C. Duszyński, Project Manager

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Qualifiers/Notes and Definitions

General Definitions:

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference



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Cooler Receipt Log

Cooler ID: Default Cooler	Cooler Temp: 2.40°C	Work Order: 17H0989
Custody Seals Intact: Yes	COC/Containers Agree: Yes	
Containers Intact: Yes	Correct Preservation: Yes	
Received On Ice: Yes	Correct Number of Containers Received: Yes	
Radiation Scan Acceptable: Yes	Sufficient Sample Volume for Testing: Yes	
COC Present: Yes	Samples Received in Proper Condition: Yes	

Comments:



Microbac Laboratories Inc., Baltimore Division

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Work Order Number:

Chain of Custody Record

Page 1 of 2

Instructions for completing the Chain of Custody Record on back.

Client Name: Rockson Gun Station Project: CCB Testing Turnaround Time: _____
 Address: 21201 Martinsburg Rd Location: Standard (7 Business Days) QC and EDD Type (Required): Level I (NAC) EDD
 City, State, Zip: Rockson MD 20680 PO #: _____ Level II** Format: _____
 Contact: Andrew McElish Compliance Monitoring? Yes No Level III** Comments: _____
 Telephone #: 301-310-6103 (1) Agency/Program: _____ * Please notify lab prior to drop off. Level IV**

Sampled by (PRINT): A. McElish Sampler Signature: [Signature] Sampler Phone #: _____
 Send Report via e-mail (address) Mail Telephone Fax (fax #) Sampler (DW) Cert#: _____

*** Matrix Types: Air(A), Childrens Product(CP), Food(F), Paint(P), Soil/Solid (S), Oil(O), Wipe(W), Drinking Water (DW), Groundwater (GW), Surface Water (SW), Waste Water (WW), Other (.....)

Client Sample ID	Matrix***	Grab	Composite	Filtered	Date Collected	Time Collected	No. of Containers	Requested Analysis	Comments
<u>Fly Ash</u>	<u>S</u>	<u>✓</u>			<u>7-21-12</u>	<u>1300</u>	<u>1</u>	<u>No. of Containers</u>	
<u>Bottom Ash</u>	<u>S</u>	<u>✓</u>			<u>7-26-12</u>	<u>1030</u>	<u>1</u>		
<u>Gypsum</u>	<u>S</u>	<u>✓</u>			<u>7-26-12</u>	<u>1400</u>	<u>1</u>		
<u>FGD RTP Fines</u>	<u>S</u>	<u>✓</u>			<u>7-27-12</u>	<u>2100</u>	<u>1</u>		



17H0989

Possible Hazard Identification: Hazardous Non-Hazardous Radioactive Sample Disposition: Dispose as appropriate Return Archive

Number of Containers: 2.4 Requisitioned By (signature): [Signature] Date/Time: 8/10/12 Received By (signature): [Signature] Printed Name/Affiliation: Ben Sobala

Sample Number: 2.4 Requisitioned By (signature): [Signature] Date/Time: 8/10/12 Received By (signature): [Signature] Printed Name/Affiliation: Ben Sobala

Sample Refrigerated on Ice or from Client: Yes / No Requisitioned By (signature): [Signature] Date/Time: 8/10/12 Received for Lab By (signature): [Signature] Printed Name/Affiliation: Ben Sobala

Diastion Scan Acceptable: Yes / No Requisitioned By (signature): [Signature] Date/Time: 8/10/12 Received for Lab By (signature): [Signature] Printed Name/Affiliation: Ben Sobala

GenOn Dickerson Generating Station
Annual CCB Analysis List
(CCB – Fly Ash, Bottom Ash, FGD WWTP Fines & Synthetic Gypsum)

Analysis	Test Method	
Fluoride	USGS I-1187-85	Geochemical Testing 2005 North Center Avenue Somerset, PA 15501 E. Kennell (Woody) ekennell@geo-ces.com
Sulfate as SO4	ASTM D516-02 (M)	Geochemical Testing
pH (as received)	EPA 9045	Geochemical Testing
Paint Filter Test	EPA 9095	Geochemical Testing
Sulfate / Sulfur	ASTM D 2492	Geochemical Testing
TCLP Metals	EPA 6010B	Microbac
Silver	EPA 6010B	Microbac
Arsenic	EPA 6010B	Microbac
Barium	EPA 6010B	Microbac
Cadmium	EPA 6010B	Microbac
Chromium	EPA 6010B	Microbac
Mercury	SW846 7471A	Microbac
Lead	EPA 6010B	Microbac
Selenium	EPA 6010B	Microbac
		Microbac
Total Metals		Microbac
Silver	EPA 6010B	Microbac
Aluminum	EPA 6010B	Microbac
Arsenic	EPA 6010B	Microbac
Antimony	EPA 6010B	Microbac
Barium	EPA 6010B	Microbac
Beryllium	EPA 6010B	Microbac
Calcium	EPA 6010B	Microbac
Cadmium	EPA 6010B	Microbac
Cobalt	EPA 6010B	Microbac
Copper	EPA 6010B	Microbac
Chromium	EPA 6010B	Microbac
Iron	EPA 6010B	Microbac
Lead	EPA 6010B	Microbac
Lithium	EPA 6010B	Microbac
Potassium	EPA 6010B	Microbac
Magnesium	EPA 6010B	Microbac
Mercury	SW846 7471A	Microbac
Molybdenum	EPA 6010B	Microbac
Nickel	EPA 6010B	Microbac
Selenium	EPA 6010B	Microbac
Sodium	EPA 6010B	Microbac
Sulfur	EPA 6010B	Microbac
Thallium	EPA 6010B	Microbac
Vanadium	EPA 6010B	Microbac
Zinc	EPA 6010B	Microbac

Cooler Receipt Form / Sample Acceptance & Noncompliance Form

Microbac Laboratories, Inc., Baltimore Division
Control # 606-03
Effective Date: 11/30/2016
Page 1 of 1

Number of Coolers Received: _____
Client: Dickerson - NRG
Form Completed By: George Kiriazoglou
Shipper: _____
Custody Tape Intact: _____
Containers Intact: _____
Sample Received on Ice or refrigerated: _____

Chain of Custody Present with shipment: _____
Sample Bottle IDs agree with COC: _____
Preservation requirements met: _____
Correct Number of Containers / Sample Volume: _____
Headspace in container: _____
Type of Sample: _____

Receipt Date / Time: 8/10/17 13:20
Work Order # _____

Microbac Client UPS FedEx

YES / NO / NA

YES / NO

YES / NO / NA

Infrared (IR) Temperature: 2.4 °C

YES / NO

YES / NO

YES / NO / Not Checked

YES / NO (If No, contact client immediately)

YES / NO / NA

Water Soil Wipes Oil Filter Solid
 Sludge Food Swab Other

Container Type / Quantity:

A -	Unpreserved	<u>2</u>	H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid:	If preserved pH <2, pH >10	
B -	Unpreserved	<u>3</u>	H2SO4	<u>1</u>	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH < <u>2.5</u> , pH >10
C -	Unpreserved		H2SO4	HNO3	<u>4</u>	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10
D -	Unpreserved		H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10	
E -	Unpreserved		H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10	
H -	Unpreserved		H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10	
K -	Unpreserved		H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10	
L -	Unpreserved		H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10	
M -	Unpreserved		H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10	
P -	Unpreserved		H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10	
W -	Unpreserved		H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10	
V -	Unpreserved		HCl	HCl / Ascorbic Acid	HCl / NaTHIO	(Checked at time of Analysis)			
F -	Unpreserved		NaTHIO (Checked at time of Analysis)						
S -	Unpreserved		NaTHIO (Checked at time of Analysis)						
SN -	Unpreserved		NaTHIO / EDTA (Checked at time of Analysis)						
	Unpreserved		H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10	
	Unpreserved		H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10	
	Unpreserved		H2SO4	HNO3	HCl	NaOH	NaOH/Ascorbic Acid	If preserved pH <2, pH >10	

Describe preservation requirements not met:

All Acid preserved <2 pH NaOH preserved >12 pH All others >2 and <10 (usually 4-8)

Sample ID: _____ H2SO4 HNO3 NaOH _____ mls added

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Sample ID: _____ H2SO4 HNO3 NaOH _____ mls added

H2SO4 - Sulfuric Acid, HNO3 - Nitric Acid, NaOH - Sodium Hydroxide, ASC - Ascorbic Acid, NaTHIO - Sodium Thiosulfate

Describe Anomalies: _____

Contact information / Summary of Actions:

Date / Time: _____ Contact: _____ Contact By: _____

Comments: _____

